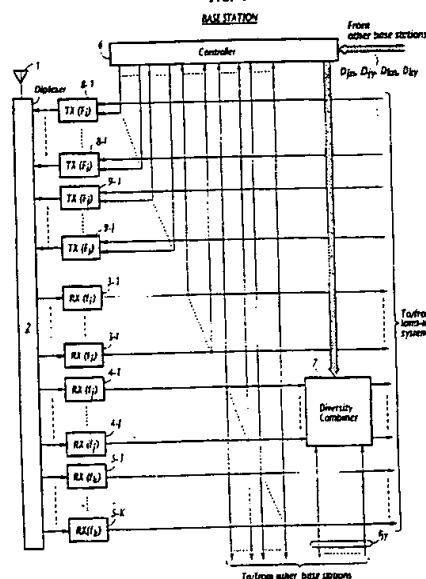


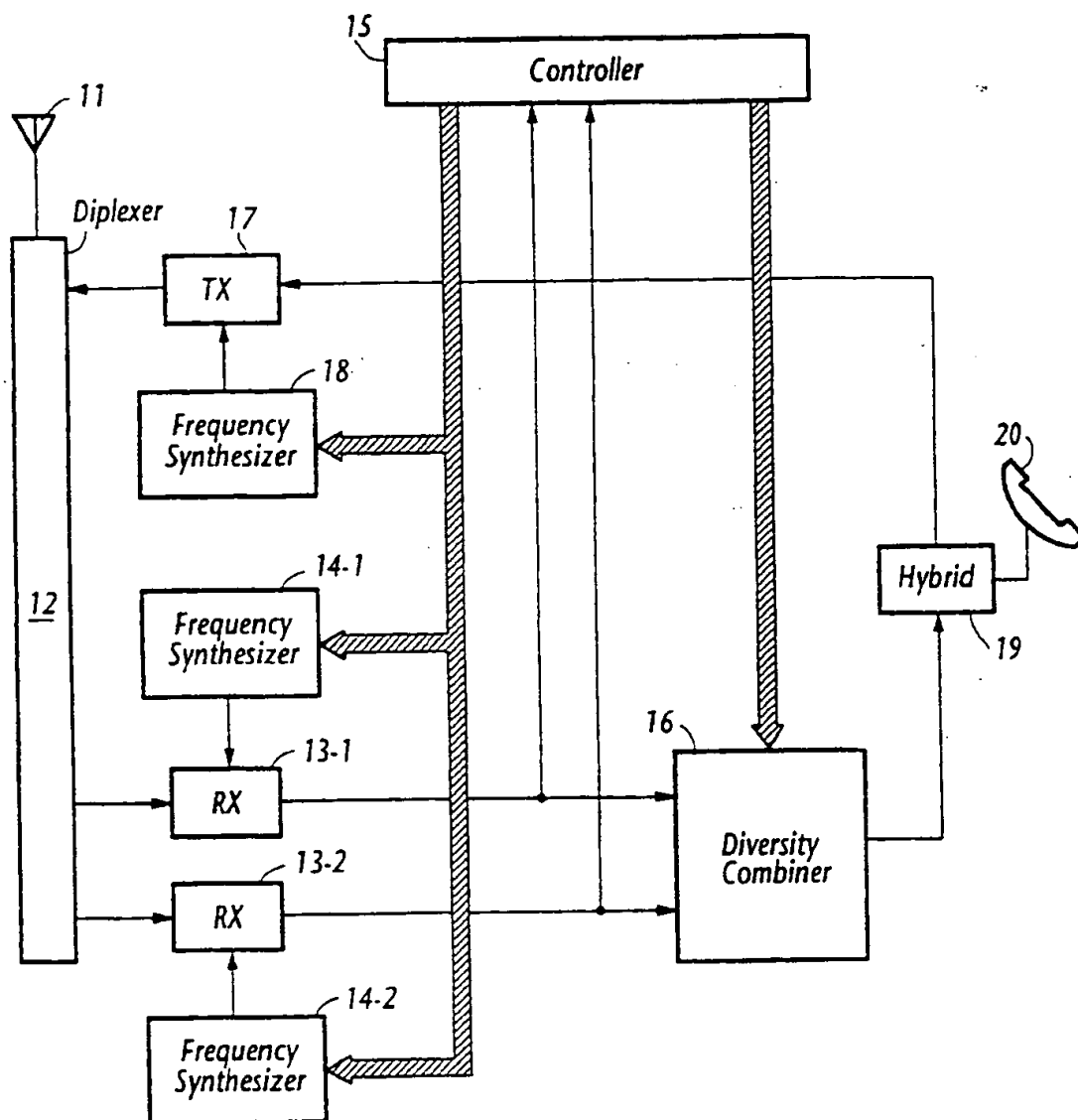
- (51) Int. Cl.<sup>5</sup>: **H04B 7/26**, H04B 7/02,  
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- end-of-diversity-mode request signal is transmitted when the field strength of such a surrounding station is lower than the threshold. The base station responds to these requests for effecting diversity reception.

FIG. 1



**FIG. 2**MOBILE STATION



European Patent  
Office

# EUROPEAN SEARCH REPORT

Application Number

EP 92 30 1680

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
A	US-A-4 144 411 (FRENKIEL) * column 9, line 67 - column 10, line 14 * * column 15, line 43 - column 18, line 31; figures 6,7,12,13 * ---	1,2,4,5
A	40TH IEEE VEHICULAR TECHNOLOGY CONFERENCE May 1990, ORLANDO, US pages 220 - 225 ITO 'A Proposal of Time-Division, Time-Compressed Multiplexing FM Mobile Radio System' * page 225, paragraph VII Ia,b * ---	1,2,4,5
A	EP-A-0 347 396 (ERICSSON) * page 11, line 60 - page 15, line 17 * -----	1,2,4,5
		<p>CLASSIFICATION OF THE APPLICATION (Int. Cl.5)</p> <p>H04B7/26 H04B7/02 H04Q7/04</p> <p>TECHNICAL FIELDS SEARCHED (Int. Cl.5)</p> <p>H04Q H04B</p>
The present search report has been drawn up for all claims		
Place of search THE HAGUE	Date of completion of the search 18 MARCH 1993	Examiner JANYSZEK J.M.
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons &amp; : member of the same patent family, corresponding document</p>		